FEB 25 2013

Tier Two Emergency and Hazardous Chemical Inventory
Reporting Period From January 1 to December 31, 2012

Page 1 of 3

Facility Identification Name Etowah River Terminal				_	perato		Phone 304-552-2919		
street 1015 Barlow Drive				Mail Address 1384 Poca River Road, North					
city Charleston county Kanawha state WV zip 25311				city Poca					
Latitude 38.368056 Longitude -81.606667 Country USA				W	/ :	Zip 2	5159 country USA		
Mailing Address (if different from facility address) Street P.O. Box 713 City Charleston State WV zip 25323 country USA				Emergency Contact Name Mike Burdette Title Director of Operations Phone 24 Hr. Phone 304-941-7316					
NAICS Code 42269 Dun & Brad Number 78-827-6145				Name Title Phone 24 Hr. Phone					
Chemical Description Physical and Heath Hazards			tory	Storage Codes and Locations (Non-Confidential)					
Check if all of the information for this chemical is identical to the information submitted last year	Fire	05		Α	1	4	Tank 406		
CAS Trade Secret	Sudden Release of Pressure	of Pressure							
Chem. Name Ammonium lignosulfonate		05 Avg. Da Amount (e	ulv	***************************************		and mestals had been			
Check All That Apply Pure Mix Solid Liquid Gas EHS	Delayed (chronic)	365 No. of D On-site (d	5 ays			egedopelli financia a cara s			
Check if all of the information for this chemical is identical to the information submitted last year	Fire	04		J	1	4	Warehouse		
CAS 10043-52-4 Trade Secret	Sudden Release of Pressure	Max. Da Amount (d	aily code)			epartelentian en estada.			
Chem. Calcium chloride	Reactivity Immediate (acute)	04 Avg. Da Amount (d	iily		Owner Jacobs Solvens				
Check All Check	Delayed (chronic)	365 No. of D On-site (c	ays						
Certification (Read and sign after completing all sections) I certify under penalty of law that I have personalty examined and am familiar with the information submitted in pages one through 3, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete. Mike Burdette - Director of Operations Name and official title of owner/operator OR owner/operator's authorized representative Optional Attachments I have attached a site plan I have attached a list of site coordinate abbreviations I have attached a description of dikes and other safeguards measures									

Chemical Description	Physical and		-				
State of the second sec	Heath Hazards			Container Type Pressure		Storage Codes and Locations (Non-Confidential)	
Check if all of the information for this chemical is identical to the information submitted last year CAS 69418-26-4 Trade Secret Chern. Magnafloc 455 Check All	Fire Sudden Release of Pressure Reactivity Immediate (acute) Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days On-site (days)	J	1	4	Warehouse	
Check if all of the information for this chemical is identical to the information submitted last year CAS 34885-03-5 Trade Secret Chem. Name MCHM Check All Check All Check All Check All Check All Check All Check Solid Liquid Gas EHS	Fire Sudden Release of Pressure Reactivity Immediate (acute) Delayed (chronic)	05 Max. Daily Amount (code) 05 Avg. Daily Amount (code) 365 No. of Days On-site (days)	A	1	4	Tanks 396-397	
Check if all of the information for this chemical is identical to the information submitted last year. CAS Trade Secret Chem. RDC-777 Check All	Fire Sudden Release of Pressure Reactivity Immediate (acute) Delayed (chronic)	05 Max. Daily Amount (code) 05 Avg. Daily Amount (code) 365 No. of Days On-site (days)			4 de la constant de l	Tank 395, 401	
Check if all of the information for this chemical is identical to the information submitted last year CAS 497-19-8 Chem. Soda ash Check All	Fire Sudden Release of Pressure Reactivity Immediate (acute) Delayed (chronic)	04 Max. Daily Amount (code) 04 Avg. Daily Amount (code) 365 No. of Days	J.		4	Warehouse	

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Final Rule: July 13, 2012

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mail Address	Email Address		Ale The Association of Constitution
Certification (Read and sign after completing all sections)		Reporting Ranges Weight Range in pounds	
	Range Code	Environ market and the second	To
I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate and complete.	01 02 03 04 05 06	0 100 500 1,000 5,000 10,000 25,000 50,000	99 499 4,999 9,999 24,999 49,999
Name and official title of owner/operator OR owner/operator's authorized representative Signature Date Signed	08 09 10 11 12 13	50,000 75,000 100,000 500,000 1,000,000 10,000,000	99,99 499,99 999,99 9,999,99 Greater than 10 millio

The public reporting and recordkeeping burden for this collection of information is estimated to range from 6 to 120 hours per response. Send comments of the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this

EPA Form No. 8700-30

OMB Control No. 2050-0072

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Material Safety Data Sheet - Crude Glycerin

Manufacturer's Name: Western Biodiesel Inc.

466 ave and 82 nd St. lot 26 Abild's Industrial park

High River, Alberta, Canada

Phone: 1-403-652-1045

Date updated: 07/10/2008

DRAFT

Product Identification

Common Name: Crude Glycerin Formula: HO-CH2-CH(OH)-CH2-OH

Chemical Name: Glycerol; 1,2,3-Propanetriol; Glyceritol; Glycic Alcohol; 1,2,3-Trihydroxypropane; 1,2,3-

Propanetriol Chemical Family: CAS No: 56-81-5

Molecular Weight: 92.09 g/Mol

Ingredients and Hazardous Classification

Hazardous Components	Percent	CAS No.	OSHA PEL	ACGIH PEL
Glycerin	75/85%	56-81-5	15 mg/m3 (mist)	10 mg/m3 (mist)
Water	<1%	7732-18-5	Not Established	Not Established
Ash	<5%		N/A	N/A
Methanol	<1%	67-56-1	TWA 200ppm	TWA 200ppm
MONG	<10%			

^{*}MONG (Material Organic, Non-glycerol) typically animal fat, vegetable oil or biodiesel (methyl-ester)

3. Physical/Chemical Characteristics

Boiling Point: 300°F

Vapor Pressure: <1 mm Hg Vapor Density (Air = 1): 3.17

Solubility in Water: Miscible

Specific Gravity (H20 = 1): 1.23

Melting Point: 20 deg C Energy Content (btu):8,750

Appearance and Odor: Clear, "Tea" Colored Liquid with moderately strong odor. This product shall only be burned in AENV approved Energy Recovery Facilities

Fire and Explosion Hazard Data

Flash Point (Method Used): 49 deg Celsius

Flammable Limits: Unknown

HMIS Rating HEALTH: 1 FIRE: 1 **REACTIVITY: 0**

Extinguishing Media: Use water, carbon dioxide, foam or dry chemical

Special Fire Fighting Procedures: Wear fire fighting protective equipment and a full face self-contained

breathing apparatus. Evacuate area, cool fire exposed containers with water spray.

Unusual Fire and Explosion Hazards: Combustion or heat may produce hazardous or toxic

decomposition products and vapors.

Reactivity Data

Reactivity: Stable

Conditions to Avoid: Excessive heat, open flame

Incompatibility (Materials to Avoid): Strong Oxidizing agents

Hazardous Decomposition or By-products: Carbon monoxide and Carbon dioxide

Hazardous Polymerization: Will Not Occur

Mailing Address: RPO Box 45068, High River, Alberta T1V 1R7 Plant Location: Lot 26 - 82nd Street, Abild's Industrial Park, Aldersyde, Alberta www.western-biodiesel.com



6. Health Hazard Data

LD50 glycerin: LD50 (oral rat) is 12,600 mg/kg

Route of Entry - Inhalation: No Route of Entry - Skin: No Route of Entry - Ingestion: No

Health Hazard Acute & Chronic: Target organs; Eye, Skin, Respiratory & GI Tracts. Eye/Skin: May cause irritation. Inhalation: May cause respiratory tract irritation. Ingestion: Mildly Toxic. May cause

gastrointestinal discomfort. Chronic - Unknown.

Carcinogenicity: NTP: No IARC: No OSHA: No

Signs/Symptoms of Overexposure: Irritation, Nausea, Discomfort Emergency First Aid: Get medical help if symptoms persist.

Inhaled: Remove to fresh air. Provide CPR/Oxygen if needed. **Eyes:** Flush with water.

Ingestion: DO NOT INDUCE VOMITING. If conscious, drink plenty of water. Seek medical attention at

once.

7. Ecological Information - Aquatic Toxicity

Glycerin eco-toxicity - Freshwater Fish Species Data

96 Hr LC50 rainbow trout: 50 mg/L; 96 Hr LC50 goldfish: >5000 mg/L - Not Acutely toxic

Methanol eco-toxicity - Freshwater Fish Species Data 96 Hr LC50 rainbow trout: >20,100 mg/L - Not acutely toxic

8. Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled: Wear protective equipment. Ventilate area. Remove open flames. Absorb with sand, vermiculite or similar material. Sweep up and place in an appropriate container. Hold for disposal. Wash contaminated spill area with water.

Waste Disposal Method: Recycle or dispose in approved facility. Observe all Local, Provincial and Federal Regulations.

Precautions To Be Taken in Handling and Storing: Store in a cool, ventilated place away from incompatible materials. Keep containers tightly closed.

Other Precautions: Wash thoroughly with soap and water after handling and before eating, drinking, or smoking.

This product shall not be used in space heaters due to the high flash point.

1. Control Measures

Respiratory Protection: None normally required

Ventilation: Mechanical

Protective Gloves: Rubber, Neoprene, PVC recommended

Eye Protection: Chemical splash goggles

Other Protective Clothing or Equipment: Lab coat

Work/Hygienic Practices: Observe good industrial Hygiene Practices and recommended procedures

2. Environmental

Minimum Combustion Temperature:

3. Transportation

DOT Code: N/A

DOT Shipping Name: Glycerin

Other Regulatory: Listed in TSCA inventory

Mailing Address: RPO Box 45068, High River, Alberta T1V 1R7
Plant Location: Lot 26 – 82nd Street, Abild's Industrial Park, Aldersyde, Alberta www.western-biodiesel.com



The information provided is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, expressed or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.